

BEST AVAILABLE COPY

IN THE CLAIMS

Please amend claims 1, 2, 12, 17 and 19 as follows:

1. (CURRENTLY AMENDED) An improved distributed Bragg reflector comprising:  
a sampled grating, including a plurality of sampled grating portions ~~comprising~~ having a first structural grating phase separated from each other by portions with no grating; and  
a first grating burst portion, at the ~~a~~ beginning of a first one of the sampled grating portions, of the sampled grating and ~~comprising~~ having a second structural grating phase, wherein said the second structural grating phase being is different from the first structural grating phase.
2. (CURRENTLY AMENDED) The reflector of claim 1, wherein the second structural grating phase is substantially opposite that of ~~said~~ first structural grating phase of ~~said~~ sampled grating.
3. (PREVIOUSLY PRESENTED) The reflector of claim 1, wherein the first sampled grating portion and the first grating burst portion are spaced apart and configured such that maximum values for a coupling constant (k) are substantially uniform across a selected tuning range.

4 - 10. (CANCELLED)

11. (PREVIOUSLY PRESENTED) The reflector of claim 1, wherein the portions with no grating occupy more than 70% of the reflector.
12. (CURRENTLY AMENDED) The reflector of claim 1, wherein the first grating burst portion is spaced apart from the first one of the sampled grating portions by a spacing with no grating.

13 - 16. (CANCELLED)

17. (CURRENTLY AMENDED) A distributed Bragg reflector comprising:  
a sampled grating, including a plurality of sampled grating portions separated from each other  
by portions with no grating;

wherein the sampled grating portions each have a first ~~structural grating~~ phase and a second  
~~structural grating~~ phase.

18. (PREVIOUSLY PRESENTED) The reflector of claim 17, wherein the portions with no  
grating occupy more than 70% of the reflector.

19. (CURRENTLY AMENDED) The reflector of claim 17, wherein the sampled grating  
portions reverse ~~structural~~ their ~~grating~~ phase at a beginning and an end of each sampled grating  
portion.

20 - 29. (CANCELLED)